



PBPL10 Plasmid in *Escherichia coli*

53065™

Description

Clone type: Clone

Host: *Escherichia coli* HB101 (ATCC 33694)

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Patent number:

4,767,711

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Product format: Freeze-dried

Intended Use

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BSL 1

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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Insert Information

Insert size (kb): 0.8599999999999999

Type of DNA: cDNA

Insert source: fetal cotyledons

Insert tissue: fetal cotyledons

Genome: bovine

Gene name: placental lactogen

Gene product: chorionic somatomammotropin hormone 1(choriomammotropin, chorionic somatomammotropin A, placental lactogen 1, placental lactogen-I alpha, placental lactogen) [PRCI]

Gene symbol: PRCI

Contains complete coding sequence: Yes

Insert end: Modification: GC tails

Vector Information

Construct size (kb): 5.199999809265137

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Intact vector size: 4.363

Vector name: pBR322

Type of vector: plasmid

Construction: pBR313

Host range: *Escherichia coli*

Vector end: PstI

Vector information:

Cross references: DNA Seq. Acc.: J01749

Cloning sites: EcoRI; ClaI; HindIII; EcoRV; BamHI; SphI; Sall; XmaIII; NruI; BspMI; BsmI; StyI; Aval; Ball; BspMII; PvuII; Tth111I; NdeI; AflIII; PpaI; PstI; PvuI; Scal; SspI; AatII

Markers: ampR; tetR

Replicon: pMB1

Growth Conditions

Medium:

ATCC Medium 1273: LB medium (ATCC medium 1065) with 20 mcg/ml tetracycline

Temperature: 37°C

Notes

Restriction digests of the clone give the following sizes (kb): PstI--4.4 and small fragments; EcoRI--5.2; HindIII--5.2; NdeI/PvuI--3.4, 1.8.

- ATCC staff

Insert contains the complete coding sequence (714 bp), about 80 bp of the 3' region and about 70 bp of 5' region.

- U.S. Pat. 4,767,711 dated Aug. 30, 1988

.patent

Material Citation

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If use of this material results in a scientific publication, please cite the material in the following manner: PBPL10 Plasmid in *Escherichia coli* (ATCC 53065)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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Product Sheet

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